



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

To,

Date: 20-03-2020

ASSISTANT EXECUTIVE ENGINEER

SHETTYHALLI SUB DIVISION

BBMP

BANGALORE

Dear Sir,

Sub: M/s. Civil Pro Services for the work of "IMPROVEMENTS TO DRAIN AND FOOTPATH AT KG HALLY IN WARD NO 12 SHETTYHALLI SUB DIVISION".

Ref: 1. Work Order No: EE/DD/W.O/541/2019-20

2. Job code: 012-19-000024

We are here with forwarding to M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangalore-560010. First and Final bill duly verified and certified that the Work is satisfactory and for a Gross Value of RS.29,53,098.17 /-(RS. Twenty Nine Lakhs Fifty Three Thousand Ninety Eight and Seventeen Paise Only).

Thanking you,

Yours faithfully,

For Civil Pro

R. KARTHIK RECHAN
AUTHORIZED SIGNATORY
CIVIL PRO

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-08-18-31 Date: 16/03/2020

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.

Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Main Road, 3rd Y Block Rajaji Nagar, Bangalore-560010

Customer's Reference : EE/DD/W.O/541/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 19-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 16/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	17/02/2020	16/03/2020	151.44 X 149.86 X 151.51	22695	9.059	523.2	23.1	22.9
2	Drain Side Wall Concrete	M20	17/02/2020	16/03/2020	150.30 X 150.84 X 150.32	22671	8.386	498.9	22.0	
3	Drain Side Wall Concrete	M20	17/02/2020	16/03/2020	150.34 X 149.91 X 150.97	22537	8.508	532.7	23.6	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ಪಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು,

Page 1/1
****End of Report****



FOR CIVIL PRO.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager



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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID : CP-2020-08-18-31 Date: 14-02-20

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.

Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Maain Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/541/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-02-20

Sample Type /Size : Precast Cover Slab - 100mm

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 10/02/2020

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm ²)	(N/mm ²)	(N/mm ²)
1	Cover Slab-1	75.51	100.48	1.116	4477	80.9	18.1	16.8	21.0
2	Cover Slab-2	75.49	100.52	1.122	4475	82.3	18.4	17.1	21.4
3	Cover Slab-3	75.50	100.51	1.118	4476	81.5	18.2	16.9	21.2

Note:

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

Page 1/1

****End of Report****



FOR CIVIL Pro.

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF PRECAST COVER SLAB

Lab ID : CP-2020-08-18-31 Date: 14-02-20

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.

Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangalore-560010

Customer's Reference : EE/DD/W.O/541/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 10-02-20

Sample Type /Size : Precast Cover Slab - 250mm

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 10/02/2020

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(kg)	(Sq.mm)	(KN)	(N/mm ²)	(N/mm ²)	(N/mm ²)
1	Cover Slab-1	200.51	250.48	3.116	31570	240.9	7.6	7.1	8.9
2	Cover Slab-2	200.49	250.52	3.122	31564	240.3	7.6	7.1	8.9
3	Cover Slab-3	200.50	250.51	3.118	31567	240.5	7.6	7.1	8.9

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ಶಿಕ್ಷಣ ಮತ್ತು ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

Page 1/1

****End of Report****



FOR CIVIL Pro.

R. KARTHIK RECHAN
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Quality Manager

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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-08-18-31 Date: 13/02/2020

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.

Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Maain Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/541/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-02-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 13/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	06/02/2020	13/02/2020	149.10 X 150.22 X 151.45	22398	8.741	419.6	18.7	18.7
2	Drain Bottom Slab Concrete	M20	06/02/2020	13/02/2020	149.45 X 150.19 X 150.56	22446	8.659	420.9	18.8	
3	Drain Bottom Slab Concrete	M20	06/02/2020	13/02/2020	151.23 X 150.13 X 151.22	22704	9.046	424.1	18.7	

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ಶಿಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.



FOR CIVIL Pro,
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1

****End of Report****

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-08-18-31 Date: 05/03/2020

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.

Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangalore-560010

Customer's Reference : EE/DD/W.O/541/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-02-20

Customer ID : Drain Bottom Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 05/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Bottom Slab Concrete	M20	06/02/2020	05/03/2020	149.82 X	22566	8.372	522.2	23.1	23.2
					150.62 X					
					150.99					
2	Drain Bottom Slab Concrete	M20	06/02/2020	05/03/2020	151.11 X	22855	8.795	521.9	22.8	
					151.25 X					
					149.02					
3	Drain Bottom Slab Concrete	M20	06/02/2020	05/03/2020	150.46 X	22578	8.835	530.3	23.5	
					150.05 X					
					149.09					

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
 ಶಿಬಿರ ಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
 ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
 ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.



FOR CIVIL Pro.

KARTHIK RECHAN
 Authorized Signatory
 Quality Manager



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4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-08-18-31 Date: 24/02/2020

Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

Address : Shettyhalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.

Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Maain Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010

Customer's Reference : EE/DD/W.O/541/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 19-02-20

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 24/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	17/02/2020	24/02/2020	150.14 X 150.22 X 151.91	22554	8.674	420.8	18.7	18.6
2	Drain Side Wall Concrete	M20	17/02/2020	24/02/2020	149.61 X 150.54 X 151.54	22522	8.960	427.6	19.0	
3	Drain Side Wall Concrete	M20	17/02/2020	24/02/2020	149.49 X 150.81 X 151.86	22544	8.151	412.3	18.3	

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ಜಿಲ್ಲಾಕಟ್ಟು ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.
Page 1/1

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FOR CIVIL Pro.
[Signature]
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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

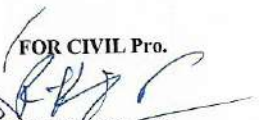
Lab ID : CP-2020-08-18-31 **Date:** 16/03/2020
Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address : Shettyhalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.
Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Maain Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference : EE/DD/W.O/541/2019-20
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-02-20
Customer ID : Drain Side Wall Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 16/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	17/02/2020	16/03/2020	151.38 X 150.24 X 151.91	22743	9.059	535.0	23.5	23.0
2	Drain Side Wall Concrete	M20	17/02/2020	16/03/2020	149.12 X 150.60 X 150.83	22458	8.386	499.2	22.2	
3	Drain Side Wall Concrete	M20	17/02/2020	16/03/2020	151.38 X 150.23 X 149.92	22741	8.508	530.8	23.3	

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 ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-08-18-31 Date: 24/02/2020
Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address : Shettyhalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.
Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Maain Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference : EE/DD/W.O/541/2019-20
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 19-02-20
Customer ID : Drain Side Wall Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 7 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 24/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Side Wall Concrete	M20	17/02/2020	24/02/2020	150.02 X 149.12 X 150.87	22372	8.674	416.3	18.6	18.6
2	Drain Side Wall Concrete	M20	17/02/2020	24/02/2020	149.40 X 149.74 X 150.45	22371	8.960	414.9	18.5	
3	Drain Side Wall Concrete	M20	17/02/2020	24/02/2020	151.69 X 150.62 X 151.56	22847	8.151	425.6	18.6	

Note:

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(Signature)
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ಶಿಬಿರ ಹಳ್ಳಿ ಉಪವಿಭಾಗ - 1 ರ ಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವಿಲಕ್ಷ್ಮಿನಗರ, ಬೆಂಗಳೂರು.
Page 1/1
****End of Report****



FOR CIVIL Pro.

R KARTHIK RECHAN
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Quality Manager

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HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: TC-5548

Format No: CP/TF/01

TEST RESULTS OF STEEL

Lab ID : CP-2020-08-18-31 Date: 05-02-20
Customer : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.
Address : Shettyhalli Sub Division, BBMP, Bangalore.
Project Name : Improvements to Drain and Footpath at KG Hally in Ward No 12 Shettyhalli Sub Division.
Agency : M/S Technical Manager (West), Karnataka Rural Infrastructure Development Limited, No.280, 59th Cross, 17th C Main Road, 3rd Y Block Rajaji Nagara, Bangaluru-560010
Customer's Reference : EE/DD/W.O/541/2019-20
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 04-02-20
Sample Type : Sunvik
Reference to BIS codes : IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test: : 04-02-20

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm ²)	(N/mm ²)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	10	0.616	528	672	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 90 days from the date of issue of test certificate

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬೆಂಗಳೂರು ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.



FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1

End of Report

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